

LATITUDE 39°15'00"

8,115'

LATITUDE 39°15'00"

10,041' TO BOTTOM HOLE

LONGITUDE 80°55'00"

13,171'

LONGITUDE 80°55'00"

Antero Resources Corporation  
Well No. Buzzard Run Unit 2H

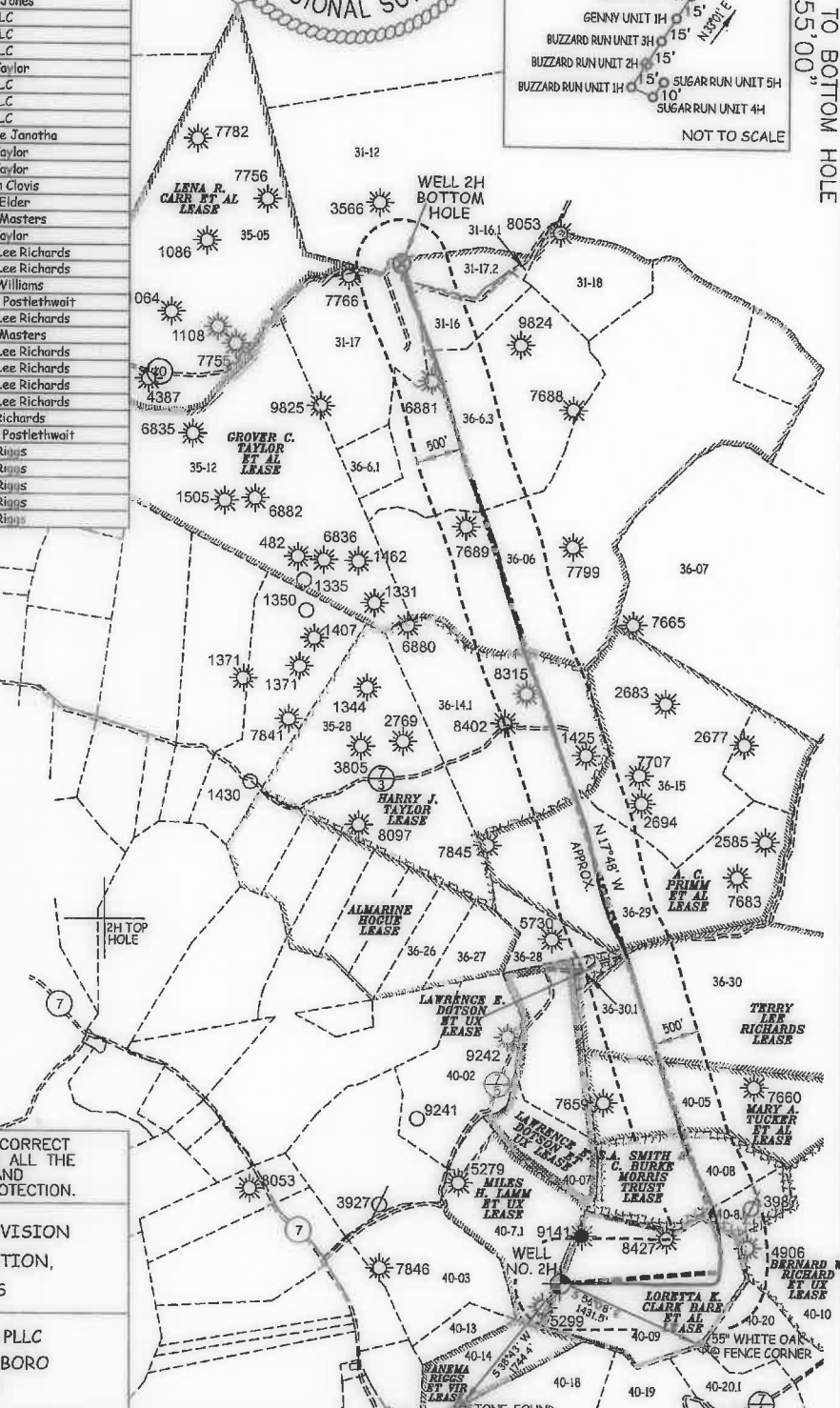
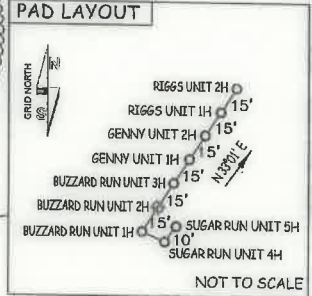
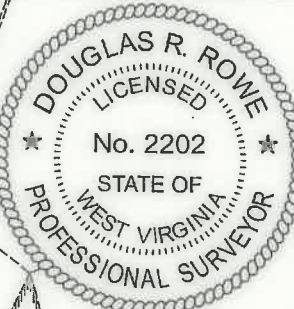
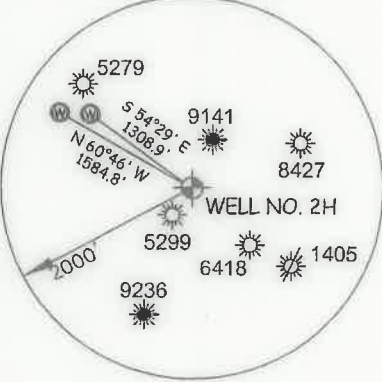
2H BOTTOM HOLE

Clay District - Ritchie County	
31-12	Steven Stanley
31-16	Austin Jones
31-16.1	Jason Flanigan
31-17	E L F LLC
31-17.2	Austin Jones
31-18	E L F LLC
35-05	E L F LLC
35-12	E L F LLC
35-28	Brian Taylor
36-06	E L F LLC
36-6.1	E L F LLC
36-6.3	E L F LLC
36-07	Suzanne Janotha
36-14.1	Brian Taylor
36-15	Brian Taylor
36-26	Meshan Clovis
36-27	James Elder
36-28	James Masters
36-29	Brian Taylor
36-30	Terry Lee Richards
36-30.1	Terry Lee Richards
40-02	Scott Williams
40-03	Tommy Postlethwait
40-05	Terry Lee Richards
40-07	James Masters
40-7.1	Terry Lee Richards
40-08	Terry Lee Richards
40-8.1	Terry Lee Richards
40-09	Terry Lee Richards
40-10	Roger Richards
40-13	Tommy Postlethwait
40-14	Duane Riggs
40-18	Duane Riggs
40-19	Duane Riggs
40-20	Duane Riggs
40-20.1	Duane Riggs

AS DRILLED DATA:  
WELL 2H TOP HOLE INFORMATION:  
N: 263,289ft E: 1,590,495ft  
LAT: 39°12'49.82" LON: 80°56'43.10"  
BOTTOM HOLE INFORMATION:  
N: 274,491ft E: 1,588,745ft  
LAT: 39°14'40.25" LON: 80°57'07.63"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 4,340,517m E: 504,736m  
BOTTOM HOLE INFORMATION:  
N: 4,343,921m E: 504,146m

NOTE:  
2 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 18-025WA  
DRAWING # BUZZARDRUN2HAD  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND  
----- Surface Owner Boundary Lines +/-  
- - - - - Interior Surface Tracts +/-  
O - - - - - Proposed Well Path  
As Drilled Well Path

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

DATE 06/04/20  
OPERATOR'S WELL# BUZZARD RUN UNIT #2H

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  47 - 085 - 10380  
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1,149' AS BUILT WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PULLMAN 7.5' (SHL) PENNSBORO 7.5' (BHL) STATE COUNTY PERMIT  
SURFACE OWNER TERRY LEE RICHARDS ACREAGE 60 ACRES +/- DISTRICT CLAY COUNTY RITCHIE  
OIL & GAS ROYALTY OWNER LORETTA K. CLARK BARE ET AL; S. A. SMITH & C. BURKE MORRIS TRUST; LEASE ACREAGE 60 AC±; 46.48 AC±; COUNTY NAME  
MARY A. TUCKER ET AL; TERRY LEE RICHARDS; A. C. PRIMM ET AL 50 AC±; 121.5 AC±; 174 AC± PERMIT  
HARRY J. TAYLOR; GROVER C. TAYLOR ET AL 155 AC±; 577 AC±  
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,417' TVD 18,164' MD  
WELL OPERATOR ANTERO RESOURCES CORP DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

NOTE  
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.  
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.  
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.  
4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.  
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

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8,115'

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Well No. Buzzard Run Unit 2H

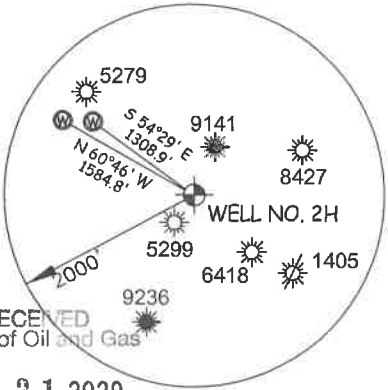
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RECEIVED  
Office of Oil and Gas

AUG 31 2020

WV Department of Environmental Protection

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WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Proposed Well Path
- As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202

DATE 06/04/20

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COUNTY NAME

PERMIT